

Title (en)

CONNECTIVE TISSUE PROGENITOR CELL ASPIRATION AND PROCESSING SYSTEM

Title (de)

BINDEGEWEBEVORLÄUFERZELLENASPIRATIONS- UND -VERARBEITUNGSSYSTEM

Title (fr)

SYSTÈME D'ASPIRATION ET DE TRAITEMENT DE CELLULES PROGÉNITRICES DU TISSU CONJONCTIF

Publication

EP 3634245 A1 20200415 (EN)

Application

EP 18812995 A 20180604

Priority

- US 201762516502 P 20170607
- US 2018035810 W 20180604

Abstract (en)

[origin: US2018353206A1] A method of treating soft tissue conditions. A harvesting device is provided. The harvesting device is operably connected to a tissue processing device using tubing. An aperture is formed in a bone. The bone has an interior. The harvesting device is inserted through the aperture in the bone and into the interior of the bone. The harvesting device is manipulated to dissociate connective tissue progenitor cells in the interior of the bone. Tissue is aspirated from the interior of the bone. The connective tissue progenitor cells are separated from the aspirated tissue. The separated connective tissue progenitor cells are injected in a region of a body that is experiencing a soft tissue condition to treat the soft tissue condition.

IPC 8 full level

A61B 10/02 (2006.01); **A61K 35/12** (2015.01); **A61K 35/28** (2015.01); **A61L 27/52** (2006.01); **C12N 5/077** (2010.01)

CPC (source: EP US)

A61B 17/1635 (2013.01 - US); **A61B 17/3472** (2013.01 - US); **A61K 9/0019** (2013.01 - US); **A61K 35/28** (2013.01 - EP US); **A61M 1/0281** (2013.01 - EP US); **A61M 1/88** (2021.05 - EP); **A61M 1/892** (2021.05 - EP US); **C12M 45/00** (2013.01 - US); **A61B 10/025** (2013.01 - US); **A61B 2010/0258** (2013.01 - EP US); **A61B 2017/320064** (2013.01 - US); **A61B 2217/005** (2013.01 - US); **A61L 27/3856** (2013.01 - US); **A61M 1/79** (2021.05 - EP US); **A61M 2202/0429** (2013.01 - EP US); **A61M 2202/09** (2013.01 - EP US); **A61M 2205/3389** (2013.01 - EP US); **A61M 2205/583** (2013.01 - US); **A61M 2205/7545** (2013.01 - EP US); **A61M 2210/02** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 11602588 B2 20230314; **US 2018353206 A1 20181213**; EP 3634245 A1 20200415; EP 3634245 A4 20210317; WO 2018226562 A1 20181213

DOCDB simple family (application)

US 201815996765 A 20180604; EP 18812995 A 20180604; US 2018035810 W 20180604